

Name: _____

Cross off the number that does NOT belong. Hint: Look at movement of digits!

37787, 78737, 73778, 77873, 87377, 37787, 37787, 78737,
73778, 77873, 87377, 37787, 78737, 73778, 77873

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

27, 47, 42, 41, 57, 54, 35, 72, 29, 87, 23, 102, 17, 117

Why does _____ not belong in the pattern?

Name: _____

If you wanted to estimate the difference of 82 and 15, what would your answer be (round by tens)?

- A) 40
- B) 60
- C) 50
- D) 61

24 inches is

- A) less than 2 yards
- B) more than 4 feet
- C) more than 3 feet
- D) less than 1 foot

3 ten thousands, 1 thousand, 4 hundreds, 8 tens, 7 ones =

- A) 31487
- B) 43178
- C) 47813
- D) 31784

$7 \times 33 =$

- A) 231
- B) 238
- C) None of the above

$4 \times 52 =$

- A) 308
- B) 203
- C) 738
- D) 208

Which of the following numbers is between 7.3 and 7.03?

- A) 7.27
- B) 7.73
- C) 7.54
- D) 73

Name: _____

Can you draw lines to cover every number or shape in the picture?

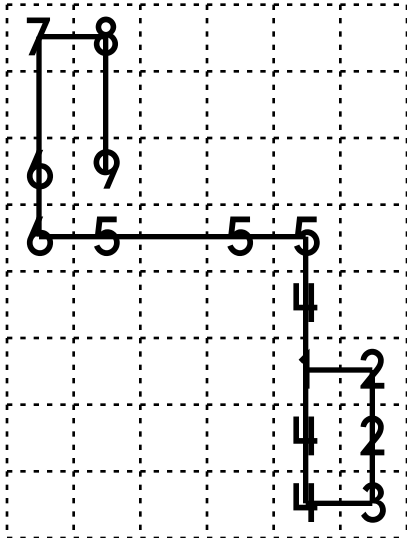
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

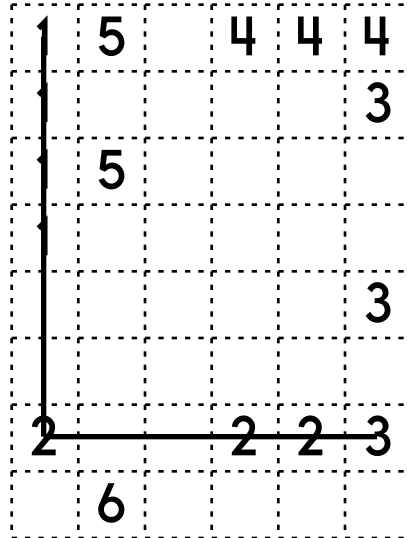
Do not pick up your pencil.



Draw exactly 5 lines.

Start on 1.

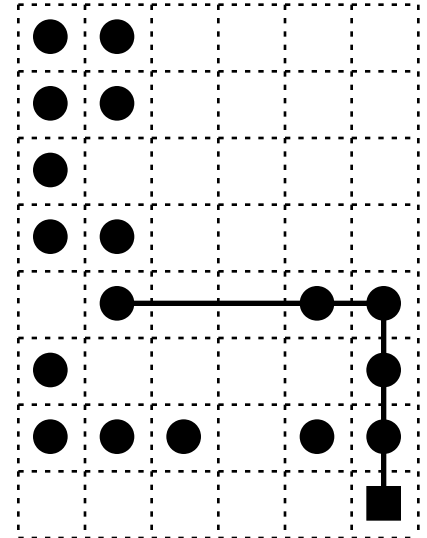
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

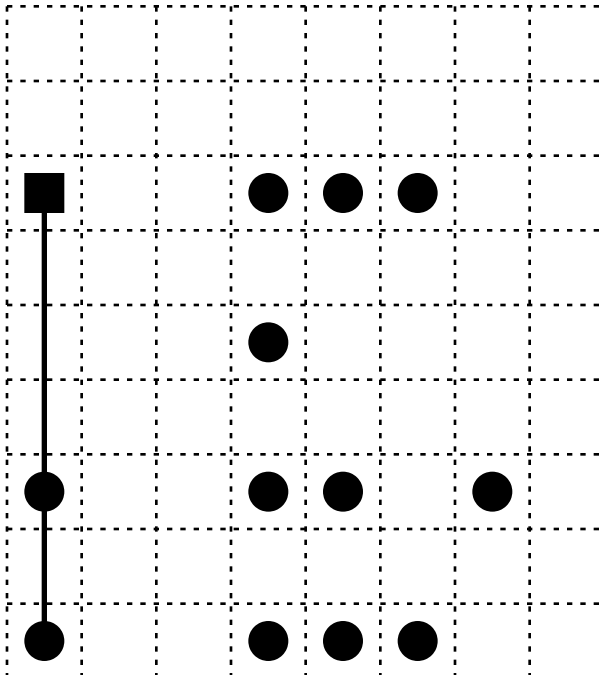
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

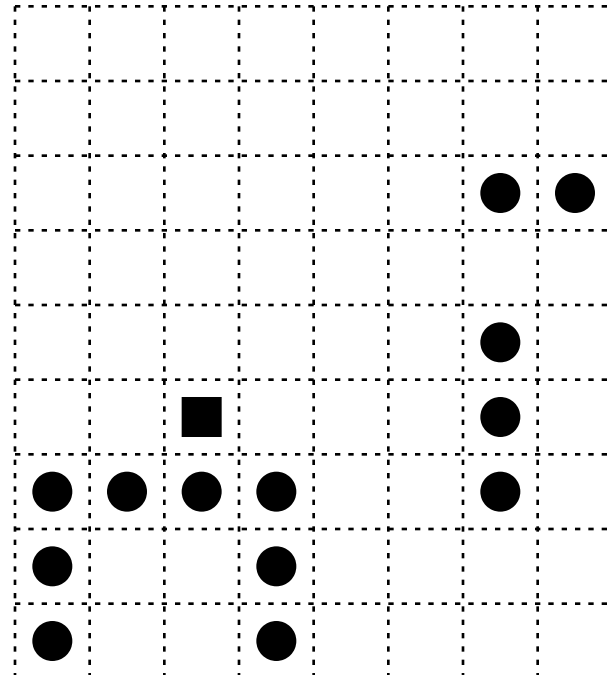
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Draw a line from START to END.

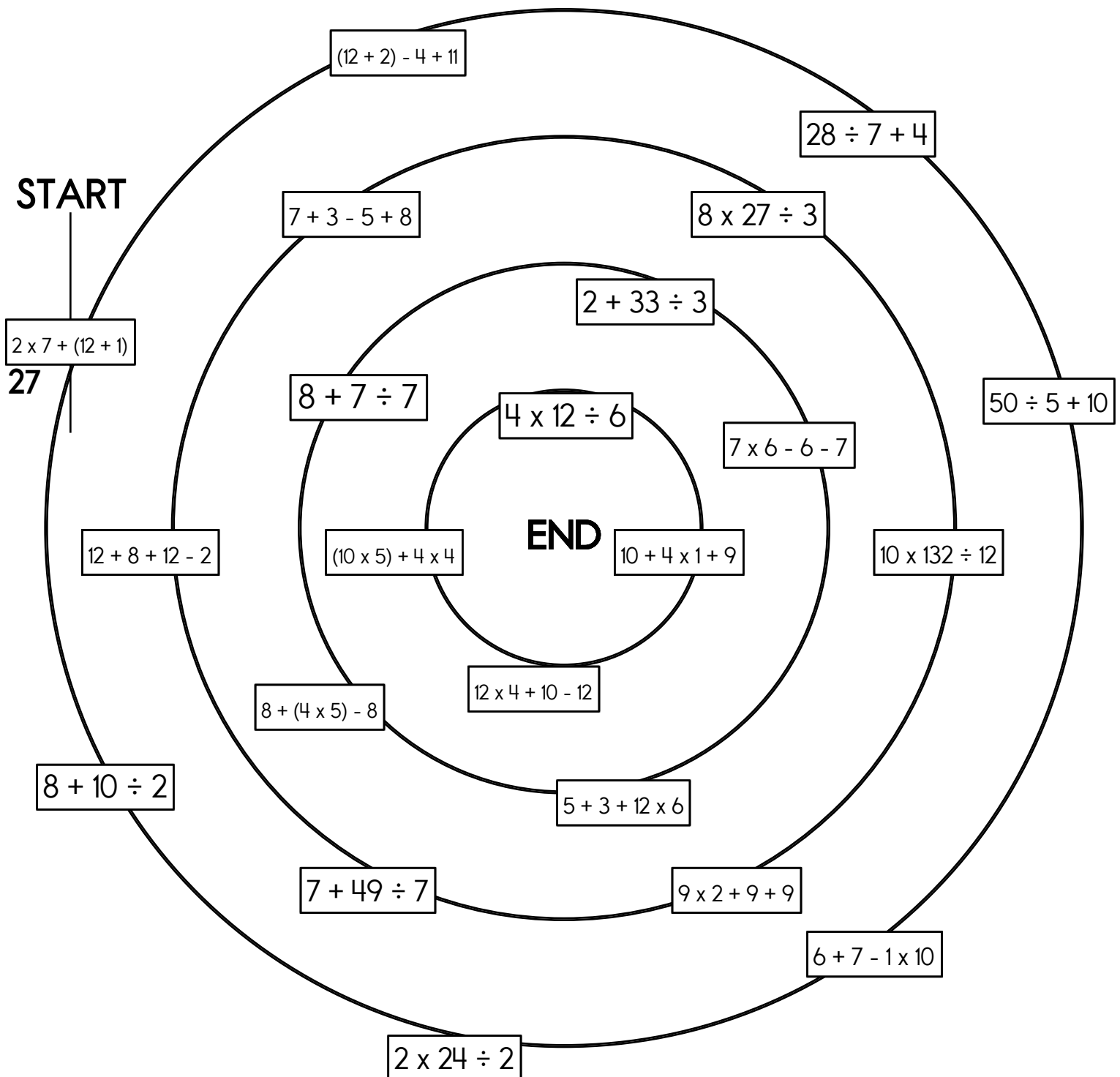
46

72

~~27~~

13

Cross out the number you use above and then write it below.



Name: _____

Lunches in the Midvale Elementary School cafeteria cost \$4.15 each. If 415 students bought their lunches on the first day of school, how much money was paid for lunches in all?

Alex didn't have much to do. It was Quiet Day and he hated being quiet. He decided to draw. First he drew a rectangle with a perimeter of 21 inches. Then he drew 2 circles inside it. The circles had a diameter of 4 inches. The rectangle was 5 inches long. How wide was it?

Maria had the highest batting average on her team. She won a trophy and a white t-shirt with the team mascot and her name on it. Her batting average was 0.319. Write her batting average as a fraction.

How much is each word worth? Add the value of each letter to find the sum.

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Value	7	6	39	2	8	40	1	9	3	13	24	5	0	26	4	48	1	6	5

Letter	T	U	V	W	X	Y	Z
Value	4	15	7	31	3	0	27

ASSUME = $7 + 5 + 5 + 15 + 0 + 8 = 40$

HIKE = _____

VILLAGE = _____

$$\begin{array}{r} \frac{1}{3} \\ + \frac{1}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{2} \\ + \frac{3}{4} \\ \hline \end{array}$$

Write this as a number in standard form.
Use a comma in your number.

three hundred seventy-two thousand four hundred sixty

Name: _____

Jack invented a robotic bug. The bug can crawl six centimeters in twenty-five seconds. How long would it take the bug to crawl thirty centimeters?

$$\begin{array}{r} 597 \\ - 114 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 45 \\ \hline \end{array}$$

How many digits are in ten times ten?

Write the missing family fact.

$$26 \times 12 = 312$$

$$312 \div 26 = 12$$

$$12 \times 26 = 312$$

Wendy will win if a random number pulled out of a box is a multiple of 5. 35 pieces of paper, numbered 16 to 50, are put inside a box. What is the chance that Wendy will win?

Circle the smallest number:

60,146,789,032

76,352

12,753,894

9,768,013,542

$$\begin{array}{r} 470 \\ + 387 \\ \hline \end{array}$$

$$108 \div 12 =$$

$$10 \times 11 =$$

$$1 \text{ cm} = 10 \text{ mm}$$

$$10 \text{ cm} = \text{_____ mm}$$

Name: _____

Can 538 be evenly divided by 5? Circle:

538 is evenly divisible by 5

538 is NOT evenly divisible by 5

25 lb = _____ oz

How many feet are in 2 yards?

_____ feet

Write an equation to represent this:

The difference between twenty and four is sixteen.

Can 222 be evenly divided by 3? Circle:

222 is evenly divisible by 3

222 is NOT evenly divisible by 3

Draw a shape that has between three and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

In the number 38,647.57 what number is in

the tens place? _____

the ones place? _____

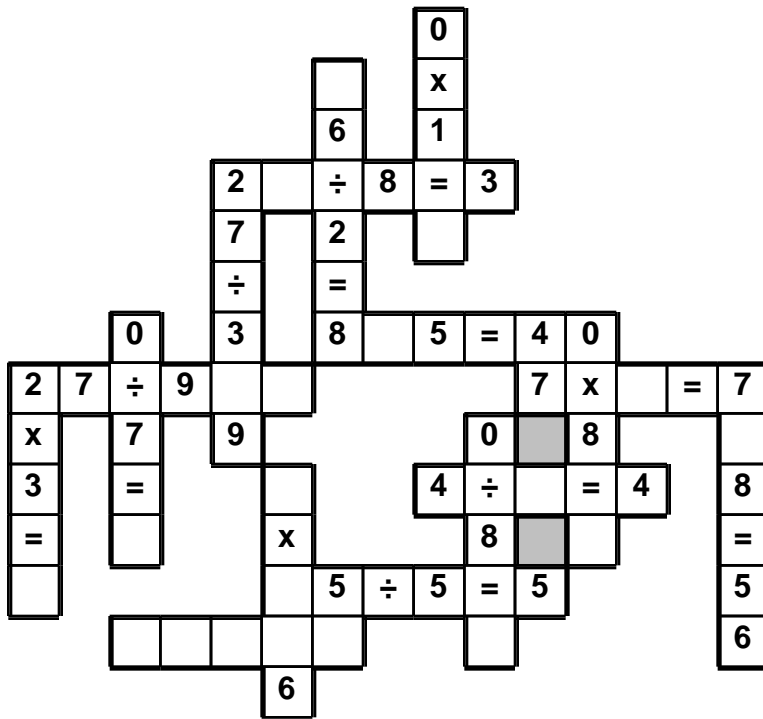
the tenths place? _____

$35 \div 5 =$

Name: _____

1 • 4 • 0 • x • = • 3 • 1 • x • 3 • 1 • 0 • 0 • 6 • 2 • 1 • x • 9
= • 9 • 0

Use the pieces above to help you fill in the runaway math puzzle.



What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1 2 4 8 12
P O S T

7

1 2 6 10 16 22
G A

1 2 4 6 8 12 18
E

Make a Word

Sum

1 2 4 6 12 18
R E

1 2 4 6 10 16
D I

1 2 4 8 14
T I

Name: _____

Gavin cannot decide which of the following two clubs to join, so he wants to pick the club with the most boys. Which club should he join?

The Earth Club has a total of 52 members. There are 4 more boys than girls.

The Gamer's Club has a total of 39 members. There are 3 more girls than boys.

The grocery store sells 5 cases of Sarah's Water for \$30. They also offer 4 cases of Cool Water for \$24. If you like both brands equally, then which brand of water is the better deal?

Sara is doing some mental math. She picked a number from a hat. Then she added 5 to that number. She then multiplied the sum by 5. The result she got was 40. What number did Sara start with?

Pam picked a number from the hat and did the same thing, but her result was 10 more than Sara's result. What number did Pam start with?

Amy is playing a game against Anna. They have to find blocks and bring them back to their digital house. After ten minutes of play, the one with the most blocks wins. Who is currently winning?

Anna has between 20 and 31 blocks. When she puts her blocks into piles of 8, there will be 4 blocks left over. When she puts her blocks into piles of 6, there will be 4 blocks left over.

Amy has between 20 and 31 blocks. When she puts her blocks into piles of 8, there will be 6 blocks left over. When she puts her blocks into piles of 6, there will be 4 blocks left over.

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.
One set of sums has been done for you.

sum of 10 ↓	sum of 8 ↓	sum of 8 →				
sum of 10 →			sum of 7 ↓	sum of 7 ↓	sum of 5 ↓	
	sum of 9 ↓	sum of 4 →				
sum of 11 →	4	4	3			
sum of 10 ↓		sum of 8 ↓	sum of 8 ↓			
	sum of 5 →					
	sum of 7 →					
	sum of 9 →					

sum of 4 ↓	sum of 7 →				
sum of 6 →					
sum of 5 →			sum of 9 ↓	sum of 9 ↓	sum of 7 ↓
sum of 7 ↓	sum of 8 ↓	sum of 6 ↓	sum of 5 →		
		sum of 10 ↓			
		sum of 7 →			
sum of 6 →	3	2	1		
sum of 3 →					

Circle the greatest number:

79,348,105,266 7,302
76,150 3,942,894,851

What root does each of these words have in common? Write the root and what you think it means on the line.
evidence, video, provide

Holly was given three numbers: 6, 2, and 3. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than five-sixths?

For 209,738,099,599, write the digit that is in the ten thousands place.

Circle the word that is a synonym for the word queasy.
sickly, comfortable, content, happy

Name: _____

Maria and Holly play on the same softball team. Maria was lucky enough to get her favorite number on her jersey. She likes it because the sum of its two digits is 12. If you take Maria's jersey number and reverse the digits, you would get Holly's jersey number. Holly has the smaller jersey number. It is 54 less than Maria's. What could their jersey numbers be?

Adam made his own coin. On one side, he colored it red. On the other side, he colored it yellow. Let's assume his coin is fair. Each time he tosses it there is a 50/50 chance of either color. If he tosses his coin two times, what is the chance that either one of the tosses will be yellow and his other toss will be red?

Two numbers have a sum of 130. The difference between the two numbers is 32. They are both positive whole numbers. What are the numbers?

Jessica's stopwatch says she has been running for 13 minutes and 21 seconds. If the time is 1:06 p.m. and she is trying to run for 24 minutes without stopping, what time will it be when she could stop?

Name: _____

$$\begin{array}{r} 0.08 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4.1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10.8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80.01 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8.68 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4.64 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4.44 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6.63 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5.63 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1.48 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4.64 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5.45 \\ \times 5 \\ \hline \end{array}$$

Circle the addition property
for $33 + 58 = 58 + 33$.

associative property
commutative property

$$6 \times 7 =$$

The principal of your school wants to buy forty-two books. Each book costs \$8.60. She wants to estimate how much it will cost. Show her how you would estimate the cost:

Name: _____

Anne has 890 cents. Sarah has 107 cents, which can also be written as \$1.07.
How could 890 cents be written starting with the dollar sign?

890 cents = \$ _____

Draw a decimal place value chart. Have a box for tens, ones, tenths, and hundredths. Then draw circles inside the boxes to show the number 26.73.

"You can't have a tenth of a person," Emily said.
"Yeah, what if I scored a goal, and we won our soccer game 0.5 to 1.3? Weird!" added Rose.

Emily and Rose don't see the point of decimals. Can you take the side of decimals? We need your help! What would you say to Emily and Rose?

Holly hopes it snows and is hoping for 2.2 inches of snow per hour during tomorrow's storm. Jacob also likes snow and is hoping for 2.92 inches of snow per hour. Do you like snow?

If a snowstorm was coming, would you want lots of snow or not so much?

Would you prefer Holly's or Jacob's prediction? Explain why.

Rose is obsessed with rounding. "So what?" she asks. She just took a decimal number and rounded it to the nearest tenth.
















"Nineteen and four tenths," she said.

If the original number also had a hundredths digit, can you name one possibility for what that original number might have been before she rounded it?

Draw a decimal place value chart. Have a box for tens, ones, tenths, and hundredths. Then draw circles inside the boxes to show the number 9.09.

Name: _____






Puzzle:

				864
			9	72
				160
				576
96	64	360	2,592	X

















Work Area:

				864
			9	72
				160
				576
96	64	360	2,592	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = _____
  = _____
  = _____
 = _____
  = _____






Puzzle:

				3,888
				1,296
				1,296
				288
1,536	1,152	1,458	729	X

Work Area:

				3,888
				1,296
				1,296
				288
1,536	1,152	1,458	729	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.

 = _____
  = _____
  = _____
 = _____
  = _____

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

1 1234	2- 1234	2 1234	1- 1234
4 1234	4+ 3 1234	1234	1234
1- 1234	1234	1- 1234	5+ 1 1234
1- 1234	1234	3 1234	1234

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} - 3 = 1$$

$$3 + \underline{\quad} = 4$$

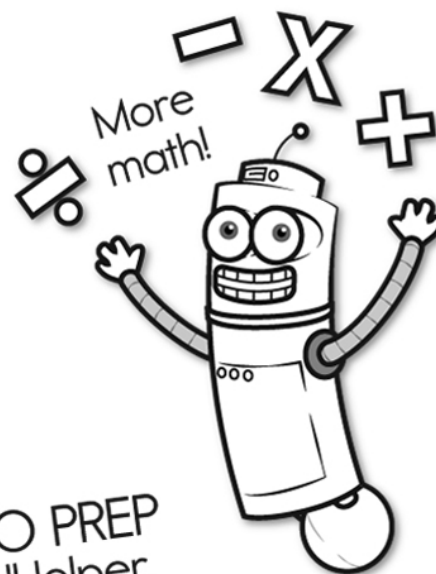
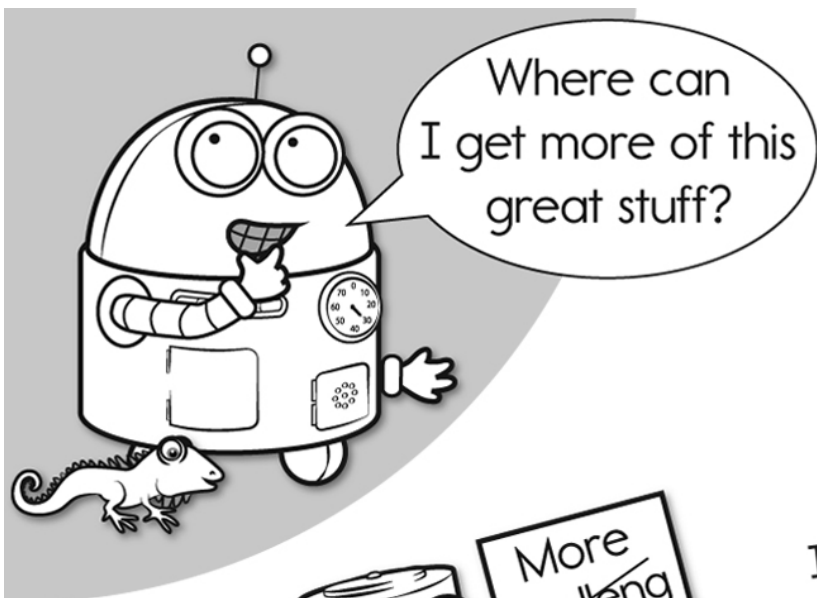
$$2 - \underline{\quad} = 1$$

$$\underline{\quad} - 2 = 1$$

$$\underline{\quad} - 2 = 2$$

$$\underline{\quad} - 2 = 1$$

$$1 + \underline{\quad} = 5$$

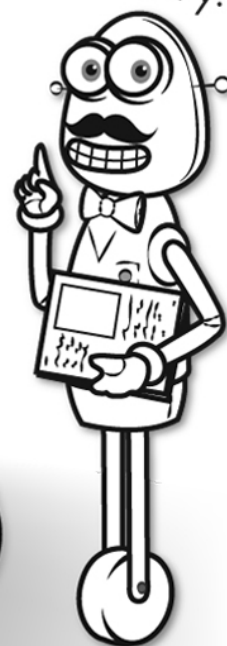


It's NO PREP
at edHelper.

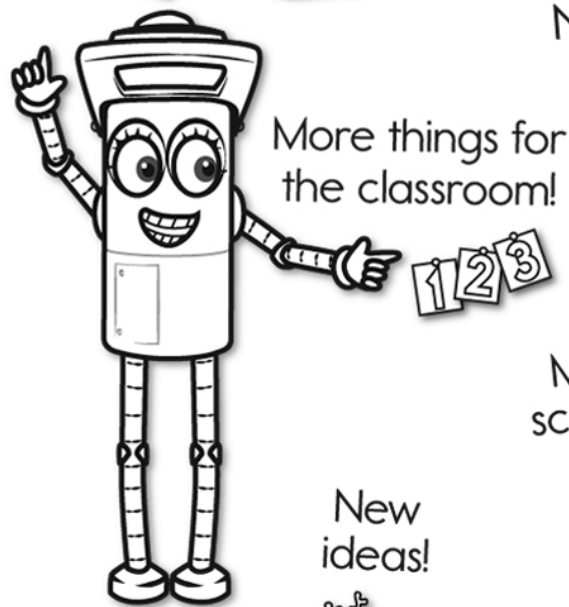
More
history!



edHelper.com!



New online math
games!



New
ideas!



More
science!



x
+ =
- ÷
< >

More
puzzles!

